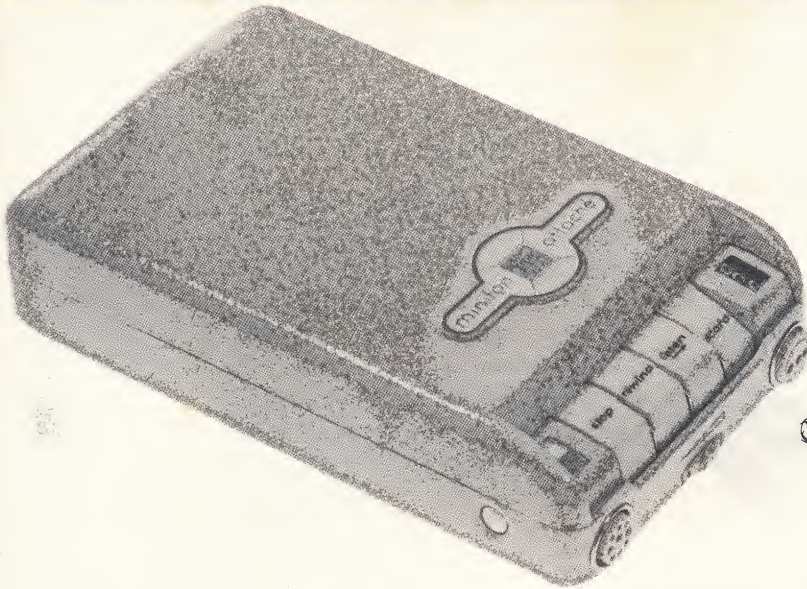


ITT



MINIFON
ATTACHE'
MODEL No. 178A
RECORDER



MINIFON ATTACHE' MODEL No. 178A RECORDER

MINIFON ATTACHE' is built to meet the needs of the "up to date" executive—The world's smallest tape recorder-reproducer with sealed tape magazine, manufactured by Protona in West Germany by skilled German craftsmen.

Weighs only 1 lb., 12 ozs.—The smallest full fledged dictating machine in pocket size, with maximum operating conveniences.

Operates on Battery, Rechargeable Miniature Accumulator, Car Battery, or AC power.

Automatic final stop . . . roller counter indicator . . . one-hand microphone control with red signal light . . . fast forward . . . fast rewind.

Unlimited Applications:

Deal with those urgent letters on the spot . . . light weight tape magazines can be Airmailed back to the office . . . prevents correspondence piling up.

Dictation and minutes of meetings can be recorded with table loudspeaker at business talks, sales training meetings, market studies.

Inventory taking in retail stores . . . Plant inspections. In noisy areas, throat microphone eliminates outside noise—leaves hands free.

Note taking . . . impressions . . . travel reports in car, plane, train, boat . . . (Special Noise Compensating Microphone eliminates background noise).

The Attaché is the infallible memory of the spoken word . . . the handiest, simplest and most logical answer to modern day business . . . **Made to order for All Those Whose Words Count . . .**

FEATURES:

- Magazine load.
- Pocket size, light in weight.
- Regular single-track, or rapid dual-track erasure system.
- Operates on self-contained battery, car battery, rechargeable accumulator, or AC current (with transformer/rectifier).
- Built-in battery meter indicates battery wear.
- Automatic motor cut-off and signal light indicate end of tape.
- Push-button operation with keyboard controls; has "fast forward" and "fast rewind" speeds.
- Numbered volume control permits pre-set volume.
- 2-way index counter run concurrently with tape.
- Shock-proof, precision-built mechanism protected by light metal case.
- Instantaneous operation—no warm-up.
- Sales-service outlets in over 90 countries throughout the world.

ITT



ACCESSORIES:

The Minifon attaché Recorder comes completely equipped with stop-start dynamic microphone, standard battery, Stethoset and 30-minute dual track magazine-loaded tape. Wide range of available accessories includes external A.C. power supply, microphones, earphones, pick-up cords, carrying case, and other equipment listed in separate folder.

SPECIFICATIONS:

Size: 3 $\frac{1}{8}$ " by 6 $\frac{1}{8}$ " by 1 $\frac{1}{8}$ "
Weight: Approx. 1 lb., 12 ozs.
Recording Medium: $\frac{1}{4}$ " tape-magazine loaded
Recording Period: 30 minutes (2 by 15 min. dual track)
60 minutes (2 by 30 min. dual track)
Tape Speed: 1 $\frac{7}{8}$ " per second
Frequency Response: 250-4500 cycles
Fast Forward: Approx. 30:1
Fast Rewind: Approx. 30:1
Rapid Erasure: Approx. 30:1 by built-in permanent magnet
Normal Erasure: By re-recording

Erasing Frequency: Approx. 34 kc by single stage transistor-HF oscillator
Premagnetization: HF approx. 34 kc
Amplifier: 3-stage transistor amplifier
Motor: Precision miniature motor with electrical governor, 6-12 volts
Input Voltage: 0.5 millivolts
Input Impedance: 2000 ohms
Output Voltage: Approx. 2.5v
Output Impedance: 200 ohms and 2000 ohms
Tape Position Indicator: 3-digit roller counter

AUTHORIZED MINIFON DEALER

ITT

DISTRIBUTOR PRODUCTS DIVISION

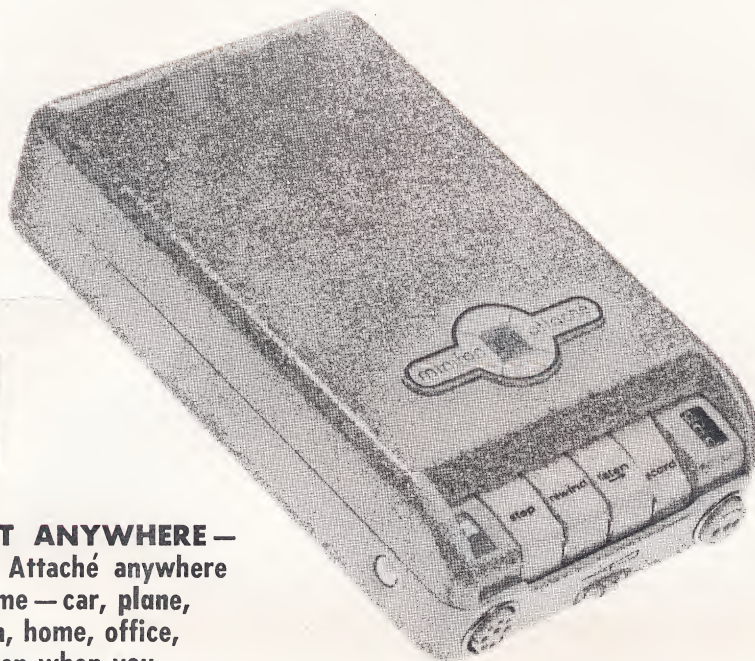
P. O. BOX 99, LODI, NEW JERSEY

TEL. HUBBARD 9-7800 • CABLE DISTRIBUTOR • TWX 201-488-9499

INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION



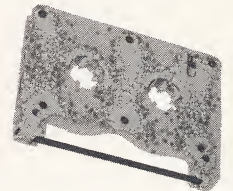
TAKE IT ANYWHERE—
use the Attaché anywhere
anytime — car, plane,
train, home, office,
even when you
walk.



SPECIAL FEATURES

- Pocket size — light weight
- Shock proof light metal case
- Instant operation — no warmup
- Stop start from microphone
- Single battery or AC operated
- Rechargeable battery available
- Magazine load tape
- Index by roller counter
- Automatic erase by overspeech
- Built-in rapid-erase mechanism
- Built-in battery meter
- Automatic tape-end stop
- Complete secretarial accessories
- Lifetime reusable magazine tape
- Fast forward
- Fast rewind

MAGAZINE LOADED
in seconds • 60 minute
magnetic tape — easily
mailed, reuse thou-
sands of times.



The world's most ver-
satile and complete
portable recording-
dictating system —

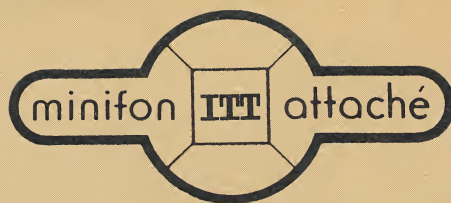
For the busy executive. Saves time—
improves efficiency. Take your
secretary with you — in your pocket.
The Minifon Attaché is a complete
recording dictating-
transcribing instrument.
Magazine tapes

Pocket Size, Push Button Tape Recorder
for Dictating and Transcribing

- Single Battery or A. C. operated
- Fully Automatic
- Light Weight-sturdy
- Plays back immediately

MINIFON ATTACHE—the world's
only portable, miniature,
dictating instrument with all
the needed and wanted
features

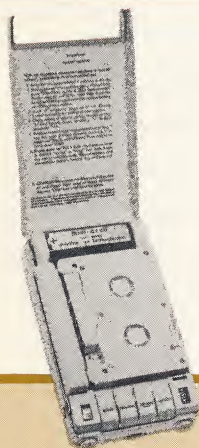
Complete Accessories-See Other Side



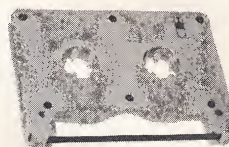
ACCESSORIES FOR

*World's Most Versatile
Precision Compact Recorder*

Catalog Number	Description	User's Price	Catalog Number	Description	User's Price
CASES					
100E	Plastic Attaché Case with built in microphone..	\$ 62.95	TAPE MAGAZINES		
100ES	Same as above with concealed on and off switch	69.95	(In Plexiglass containers)		
500S	Leather Attaché Case with built-in microphone and concealed on and off switch.....	86.95	015/128	30 Minute (2 x 15 min. Twin Track).....	7.95
501	Leather case (recorder only).....	17.50	3015/128	30 Minute Hi Fi (2 x 15 min. Twin Track)....	9.45
502	Leather case (stethoset only).....	7.15	3030/128	60 Minute Hi Fi (2 x 30 min. Twin Track) ..	9.95
503	Leather carrying case (recorder & accessories)..	49.50	CONTROLS		
517	Nylon shoulder holster.....	8.95	112	Foot	14.75
MICROPHONES			127	Typist Hand	24.75
105	Wristwatch	59.95	133	Pocket Switch	14.95
106	Throat	37.50	POWER		
111	Telephone Pickup	11.95	802	Motor Battery P55, Attaché, Hi Fi and Special (12 v, approx. life 20 hours).....	3.95
119	Clip-on	44.95	805	Miniature Accumulator	79.95
307	Dynamic	41.95	313	A.C. Power Supply.....	29.95
329	Reporter	66.95	CONNECTING LEADS		
SPEAKERS			131B	For transfer to other recorders.....	5.30
323	Radio-Microphone-Loudspeaker Combination	129.95	323A	For Radio-Microphone-Loudspeaker Combination..	5.45
EARPHONES			514A	Car Battery connecting lead (American type plug)	7.50
101	Stethoset	14.95	MISCELLANEOUS		
115	Earset	12.50	128	Container, Plexiglass (for tape magazine).....	1.60
325	Stethoset (monitoring).....	15.95	134	Cardboard Mailers (Package of 10).....	2.00



178A MINIFON ATTACHÉ Complete with start-stop dynamic microphone, stethoset and 30 minute twin track magazine tape and battery **\$259.64**



AUTHORIZED MINIFON DEALER

TECHNICAL SPECIFICATIONS:

pocket size:	3 ¹⁵ / ₁₆ x 6 ¹¹ / ₁₆ x 1 ¹ / ₁₆ "
weight:	approx. 2 lbs. 4 oz.
recording medium:	1/4" tape in magazine
recording period:	60 min. (2 x 30 min., twin track) or 30 min. (2 x 15 min., twin track)
tape speed:	1 7/8" / sec.
frequency response:	150-6000 cycles
fast forward:	approx. 30:1
fast rewind:	approx. 30:1
rapid erasure:	approx. 30:1 by built-in permanent magnet
normal erasure:	by recording
erasing frequency:	approx. 34 kilocycles by single stage transistor-HF oscillator
premagnetisation:	HF approx. 34 kilocycles
amplifier:	3-stage transistor amplifier
motor:	precision miniature motor with electrical speed governor, 6-12 volts
input voltage:	0.5 milli-volts
input impedance:	2 kilo-ohms
output voltage:	3 volts undistorted
output impedance:	200 ohms and 2 kilo-ohms
index:	3-digital roller counter



DISTRIBUTOR PRODUCTS DIVISION

250 BROADWAY, NEW YORK, N. Y. 10007

CABLE DISTRIBUTOR - TWX (212) 571-1844



DISTRIBUTOR PRODUCTS DIVISION

250 BROADWAY, NEW YORK, N. Y. 10007 • TEL. 797-3300 • TWX (212) 571-1844

INTERNATIONAL TELEPHONE AND TELEGRAPH CORPORATION • A WORLD OF PRODUCTS FOR A WORLD OF PROGRESS

July 6, 1965

T. Nelson
Systems Consultant
Box 32
Schooleys Mtn, N.J.

Dear Mr. Nelson:

Thank you for your interest in Minifon Tape Recorders.

For your information we are enclosing descriptive literature covering our complete line.

Please contact the following authorized Minifon Dealer in your area for a demonstration.

Gruber Camera
210 Washington Street
Newark, New Jersey
201-642-0790

If there is any further service your telephone call will demand my immediate action.

Sincerely,

A handwritten signature in cursive script that reads 'Rod Kershenstein'.

Rod Kershenstein
General Sales Manager



FROM ITT "MINIFON OFFICE"

DICTATING / TRANSCRIBING MACHINE

Now from ITT, comes a new and revolutionary Dictating/Transcribing Machine... the "Minifon Office" featuring...

INSTANT LOADING—INSTANT REVIEW—REUSABLE 60-MINUTE TAPE CARTRIDGE—VOLUME AND TONE CONTROLS

Designed to assist the busy executive and his secretary, the "Minifon Office" combines the utmost in efficiency with superb styling. It features extremely simple operation, long playing time, a 60-minute rapid change 2-track tape cartridge and... it is fully transistorized. Still other outstanding features include automatic word repetition, rapid erase facility and finger-tip controls.

The ITT "Minifon Office" is light, extremely compact and is available with a complete line of high quality matched accessories which include dictating microphone, foot and hand controls, earphone set, telephone pick-up and monitoring loudspeaker.

*Best of all, the "Minifon Office" can be readily used with other ITT Minifon products such as the world-famous Minifon Attaché portable which weighs less than 2 pounds. When combined with the "Minifon Office" machine this ideal companion unit provides the ultimate in truly modern dictating/transcribing efficiency. The Minifon Attaché is ideal for away-from-office-use by salesmen and busy traveling executives and it employs the same tape cartridge that's used in the "Minifon Office".

CONFERENCE RECORDING FEATURE: For normal dictation the "Conference" button remains in the up position, but by simply depressing this button you can increase the sensitivity for recording group conferences. You just set the "Minifon Office" and forget it. It will silently record every word with amazing fidelity.

DELUX "MINIFON OFFICE" ACCESSORIES

DICTATING MICROPHONE: The easy-to-use, color-coded, dynamic microphone features a remote control switch that puts you in complete control of your machine. With just one convenient control under your thumb, you can **Record — Stop — Playback — Rewind**.

HAND AND FOOT CONTROLS: Both the hand and foot controls have identical functions: **Playback — Stop — Rewind**.

When using the foot control, a gentle press on the right bar will provide instant playback. To stop, you simply remove foot from bar. By again pressing the right bar, the last few words are repeated. The left bar provides rewind for instant repetition of sentences.

LISTENING HEADSET: In addition to the single type earphones, a stethoset can also be used for binaural monitoring.

FULL RANGE TONE CONTROL: The "Minifon Office" Tone Control allows you to adjust to every personal, tonal preference.

FAST-FORWARD FEATURE: A fast-forward control is provided which allows you to quickly locate any specific passage on the tape with reference to the counter position.

FAST-ERASING: An old recording can be automatically erased by a new recording on the same track. The modern "Minifon Office" machine also has an additional fast-erasing facility which erases both tracks in one single pass of the tape.



BUSINESS REPLY MAIL

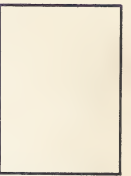
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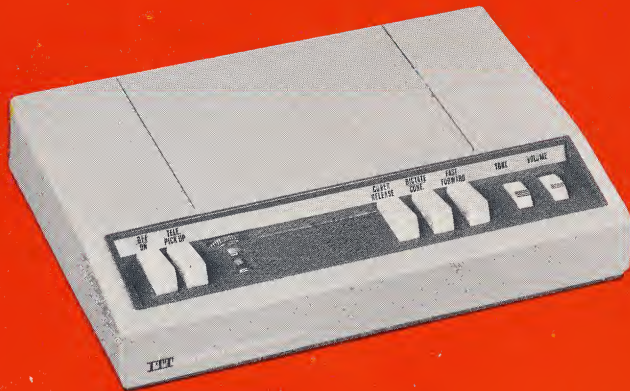
POSTAGE WILL BE PAID BY:



Printed in U.S.A.

**“DON’T
SAY
ANOTHER
WORD...”**





Until you've seen the "last word" in
Dictating/Transcribing machines . . . The

ITT "MINIFON OFFICE"

- ☐ Please send more information on the ITT "Minifon Office" Machine.
- ☐ Please have your salesman call for a demonstration.

Name _____

Title _____

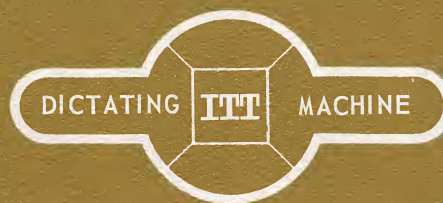
Address _____

City _____

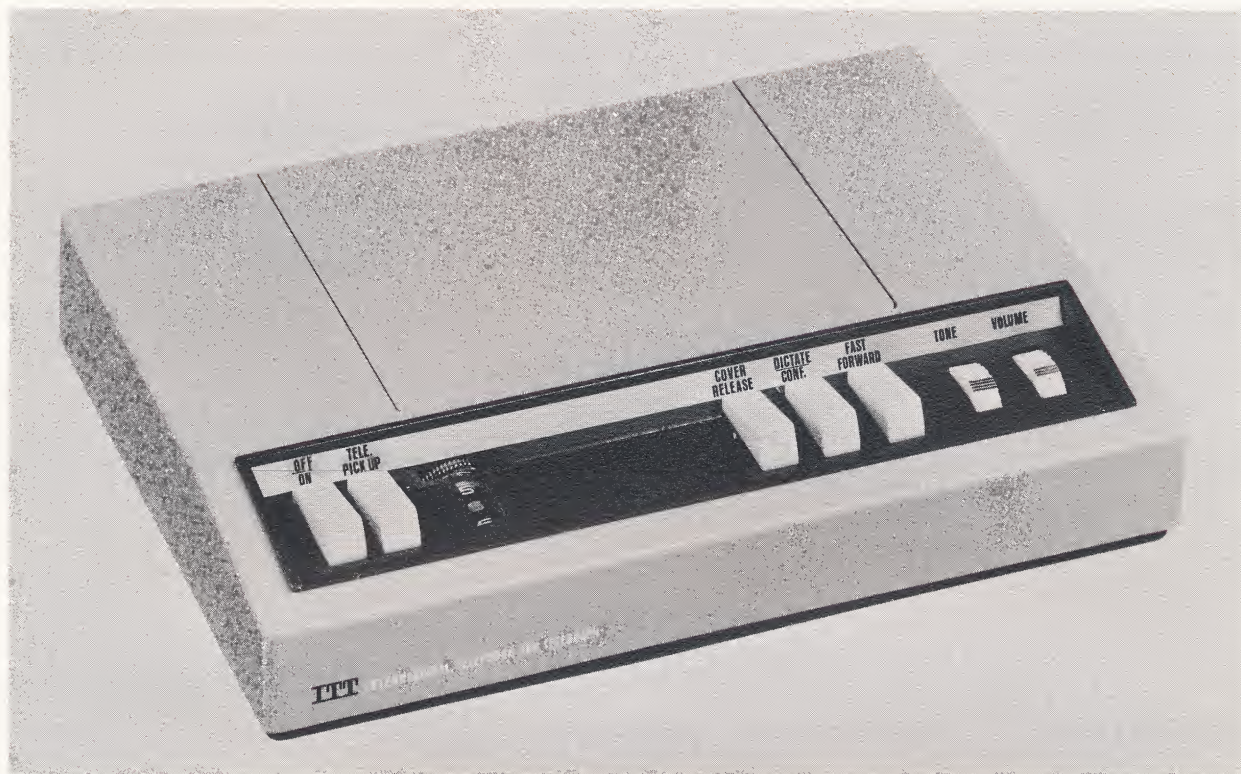
State _____

Telephone Number _____

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DICTATING
TRANSCRIBING
MACHINE
MODEL NO. D-100

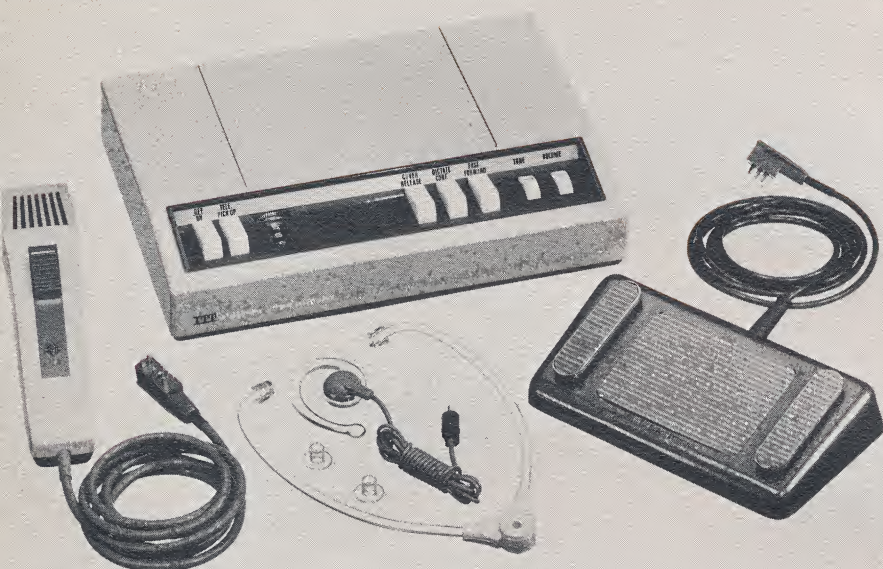
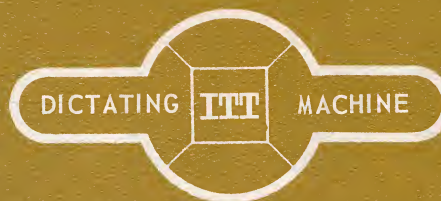


The "MINIFON OFFICE" is designed to assist the busy executive and his secretary by combining the ultimate in efficiency with superb styling. It features extremely simple operation, long playing time, a 60 minute – rapid change – 2 track tape cartridge and, it is fully transistorized. Other notable features include automatic word repetition, rapid erase facility and finger – tip controls.

FEATURES:

- Instant Loading
- Instant Review
- Reusable 60 Minute Tape Cartridge
- Volume and Tone Controls
- Fully Transistorized
- 2 – Track Tape Cartridge
- Automatic Word Repetition
- Rapid Erase Facility
- Finger Tip Controls
- High Sensitivity For Conference Recording
- Delux Accessories

ITT



ACCESSORIES:

- **DICTATING MICROPHONE:** Easy-to-use, color-coded, dynamic microphone features a remote control switch.
- **HAND AND FOOT CONTROLS:** Both hand and foot controls have identical functions – play-back – stop – rewind.
- **LISTENING HEADSET:** In addition to the single type earphones, a stethoset can also be used for binaural monitoring.

SPECIFICATIONS:

Dimensions: 10-3/8" x 7-1/4" x 2-1/8"
Weight: 6.2 lbs.
Tape Speed: 1-7/8 ips
Running Time Of Cartridge: 2 x 30 = 60 min.
Fast Forward Wind: Approximately 30:1
Fast Rewind: Approximately 15:1 Resp. 30:1
Rapid Erasing: During fast forward and rewind both tracks simultaneously.

Normal Erasing: Automatically with each new recording.
Output Voltage: Approximately 3V into 40 ohm or higher.
Indication: Three – digit counter.
Erasing Frequency: Approximately 34,000 cps
Bias: Approximately 34,000 cps
Amplifier: Four – stage transistor

Technical specifications are subject to change without notice.

AUTHORIZED ITT DEALER

ITT

DISTRIBUTOR PRODUCTS DIVISION

250 BROADWAY, NEW YORK, N. Y. 10007

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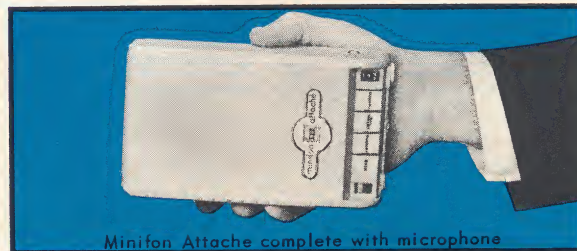
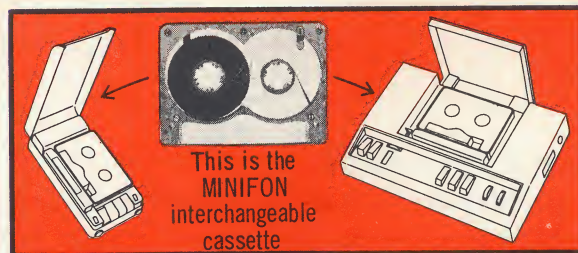


20 GOOD REASONS FOR CHOOSING THE NEW MINIFON OFFICE

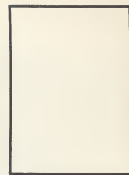
THE BEST DICTATION SYSTEM IN THE WORLD

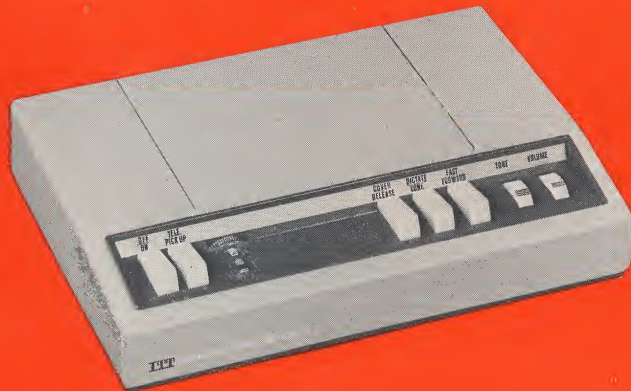
1. Easy loading tape cassette interchanges with Minifon Pocket Recorder.
2. Superb true to life voice reproduction.
3. Spot-on indexing by digital counter.
4. Automatic play back on start control ensures typing continuity.
5. Sturdy all metal construction.
6. Instantaneous telephone recording control.
7. Fully transistorised.
8. Complete remote control from microphone.
9. Fast rewind and fast forward controls.
10. Complete erasure by overspeak enabling easy corrections.
11. Twin track tape cassettes with 60 minute recording time.
12. Audible warning for end of tape.
13. Push button controls microphone sensitivity for close or distant recording.
14. Simple complete tape erasure control.
15. Compact dimensions, $10\frac{3}{8}" \times 7\frac{1}{4}" \times 2\frac{1}{8}"$.
16. Constant speed with speed control.
17. Instant removal of tape cassette at any time during dictation.
18. Dual purpose – transcription or dictation.
19. Transcription by foot or hand control, stethophones or headphones.
20. Audible warning if machine is without tape cassette.

The new Minifon Office – together with the well-known MINIFON Attache, forms the world's first truly portable dictation system. Both machines use the same interchangeable cassettes.



**“DON’T
SAY
ANOTHER
WORD...”**





Until you've seen the "last word" in
Dictating/Transcribing machines . . . The

ITT "MINIFON OFFICE"

- ☐ Please send more information on the ITT "Minifon Office" Machine.
- ☐ Please have your salesman call for a demonstration.

Name _____

Title _____

Address _____

City _____

State _____

Telephone Number _____